

ABSTRACT

The present invention relates to the use of alpha (2) macroglobulin ("α2M") receptor
5 as a heat shock protein receptor, cells that express the α2M receptor bound to an HSP, and
antibodies and other molecules that bind the α2M receptor-HSP complex. The invention also
relates to screening assays to identify compounds that modulate the interaction of an HSP
with the α2M receptor, and methods for using compositions comprising α2M-receptor
sequences for the diagnosis and treatment of immune disorders, proliferative disorders, and
10 infectious diseases.

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